



**PRODUCTS**



**CATALOG**  
**No. 335**

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ALL SEBCO PRODUCTS ARE NATIONAL  
STANDARD THREAD



**MANUFACTURERS OF**  
**EXPANSION SHIELDS**  
**TOGGLE BOLTS**  
**CONCRETE INSERTS**  
**DRILLING DEVICES**

**MAIN OFFICE**  
**STAR EXPANSION BOLT COMPANY**  
**147 Cedar Street**  
**New York City**

**Branches Carrying Stock:**

**Boston, Mass.**  
**148 Purchase Street**  
**Chicago, Ill.**  
**40 South Clinton Street**  
**Cleveland, Ohio**  
**1200 West Ninth Street**  
**Philadelphia, Pa.**  
**410 Commerce Street**

**St. Louis, Mo.**  
**820 North First Street**  
**Los Angeles, Cal.**  
**168 South Central Ave.**  
**San Francisco, Cal.**  
**121 Second Street**  
**Seattle, Wash.**  
**911 Western Avenue**

**FACTORY**  
**Bayonne, New Jersey**



# MAY WE CALL TO YOUR ATTENTION

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There are many changes and further advancements in the "Expansion Bolt Field" contained in this catalogue.

## CATALOGUE NUMBERS

Use the new catalogue numbers when ordering, especially via telegraph, simply mention quantity and catalogue number—we can immediately identify the product and size you require.

## LOOSE LEAF CATALOGUE PAGES

Trimmed and punched for use in salesmen's catalogues, no charge. Send us a sample of your page and advise quantity that you can use.

## BRANCH STOCKS

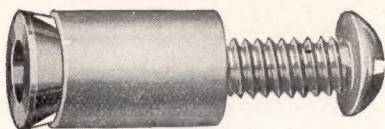
Send your orders to our nearest branch office (see page 1) for efficient service.

## TERMS

2% for cash in ten days—net 30 days from date of shipment. Freight allowed to destination on orders of one hundred (100) pounds or more.

(Water rate to Pacific Coast.)

# **TAMPIN**



**TYPE 4000**

**FOR USE WITH  
MACHINE SCREWS OR BOLTS**

**Sizes and List Prices**

Catalogue Number	Size of Bolt or Screw with Which Shield is Used	List Price Per 100 Shields Only	Safe Working Load Pounds	Dimensions of Minimum Holes Required		Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100 (Inc. Tool)	
				Diam. (Drill Size)	*Depth				
4006	6-32	\$ 3.80	100	$\frac{5}{16}$ "	$\frac{1}{2}$ "	100	1000	1	lb.
4008	8-32	4.50	100	$\frac{5}{16}$ "	$\frac{1}{2}$ "			1	lb.
4010	10-24	4.95	150	$\frac{3}{8}$ "	$\frac{5}{8}$ "			2	lbs.
4012	12-24	6.50	200	$\frac{1}{2}$ "	$\frac{7}{8}$ "			5	lbs.
4015	$\frac{1}{4}$	7.20	200	$\frac{1}{2}$ "	$\frac{7}{8}$ "	50	500	5	lbs.
4020	$\frac{5}{16}$	9.75	300	$\frac{5}{8}$ "	1 "			9	lbs.
4025	$\frac{3}{8}$	12.00	450	$\frac{3}{4}$ "	1 $\frac{1}{4}$ "			13	lbs.
4030	$\frac{7}{16}$	15.00	600	$\frac{7}{8}$ "	1 $\frac{1}{2}$ "			18	lbs.
4035	$\frac{1}{2}$	15.00	600	$\frac{7}{8}$ "	1 $\frac{1}{2}$ "	250	250	17	lbs.
4045	$\frac{5}{8}$	25.00	800	1 $\frac{1}{8}$ "	2 "			23	lbs.

"Listed by Underwriters Laboratories"

\*NOTE: A deeper hole should be used in making attachments to poor masonry.

## TAMPIN TOOLS



**TYPE 5000**

Packed one in each box of Tampins, no charge.

The pilot passes clear through the shield. Prevents all dust from entering the threads and gives clear passage for the bolt to the bottom of the hole.

# NEW!

## ★ SLUGIN FOR ANCHORING

### MACHINE BOLTS IN MASONRY

SLUGIN is formed of hard iron rings and lead. The hard iron rings are wedge-shaped in section and brittle so that, under hammer blows, they break into wedge-shaped fragments and are individually driven into lead mass.

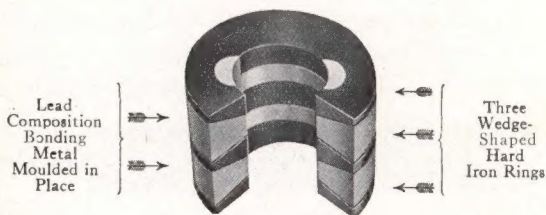
Has unequalled range of expansion as practically all of the lead can be squeezed outside of original diameter of the slug. Does not creep under sustained loads.

SLUGIN is alike on both ends; therefore cannot be placed improperly. Ends are hard. Setting tool cannot stick as in lead ended anchors.

Slugs are self-contained units and cannot be assembled incorrectly by the user.

SLUGIN PROPERLY INSTALLED WILL  
HOLD MORE THAN THE TENSILE  
STRENGTH OF THE BOLT.

#### Sectional View of a Slug.



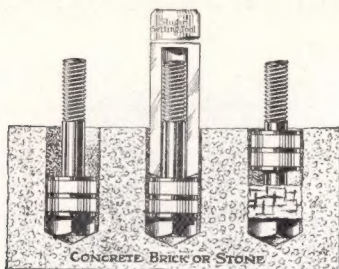
NOTE: One slug is a complete unit

## EACH SLUG MUST BE

(SEE PAGES 6 AND 7 FOR TABLE OF LIST

# **SLUGIN**

## INSTRUCTIONS FOR INSTALLATION



1.  
Drill Hole to  
Proper Depth,  
Insert Bolt,  
(Head First)  
and One Slug.

2.  
Place Setting  
Tool Over Bolt,  
as Above and  
Hammer Slug  
Solidly.

3.  
Insert Second  
Slug, When  
Required and  
Repeat Expanding  
Operation.

Additional slugs may be installed in same manner—first drilling hole to proper depth.

## WORKING LOADS—HOLE REQUIREMENTS

SLUGIN BOLT ANCHORS								
Bolt (See Note)			Slugin					
Diam., in.	Width across head (drill size), in.	*Safe working load, lb.	†Safe working load per slug, lb.	‡Minimum depth of hole in good material, in inches				
				1 slug	2 slugs	3 slugs	4 slugs	5 slugs
$\frac{1}{4}$	$\frac{1}{2}$	200	200	$\frac{7}{8}$	$1\frac{1}{2}$			
$\frac{3}{8}$	$\frac{3}{4}$	488	350	1	$1\frac{5}{8}$			
$\frac{1}{2}$	1	915	500	$1\frac{1}{4}$	$1\frac{3}{4}$	$2\frac{5}{8}$		
$\frac{5}{8}$	$1\frac{1}{8}$	1480	700	$1\frac{1}{4}$	2	$2\frac{3}{4}$		
$\frac{3}{4}$	$1\frac{1}{4}$	2240	800	$1\frac{3}{8}$	$2\frac{1}{4}$	$3\frac{1}{4}$	4	
$\frac{7}{8}$	$1\frac{1}{2}$	3140	900	$1\frac{3}{4}$	$2\frac{5}{8}$	$3\frac{1}{2}$	$4\frac{3}{8}$	
1	$1\frac{3}{4}$	4120	1000	2	3	4	5	6

NOTE: Use square head bolts on  $\frac{1}{2}$ " and smaller sizes—hex-head on all larger sizes. To obtain length of bolt add depth of hole to thickness of work, plus diameter of bolt.

\*Working loads as given by mechanical engineering hand-books—ten to one factor of safety.

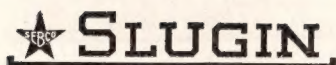
†Working loads per slug when installed in proper size hole of good masonry, based on the same factor of safety as given for the bolt.

‡Figures shown directly to left of zig-zag line indicate the minimum depth of anchorage and the number of slugs that should be used to equalize strength of bolt. In poor masonry set bolt deep and use additional slugs. Hole must be drilled to proper depth before installation.

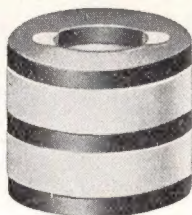
## DRIVEN SEPARATELY

## PRICES ON SLUGINS AND SETTING TOOLS)





## BOLT ANCHORS



20%

TYPE 6800

### FOR USE WITH MACHINE BOLTS

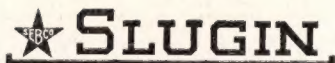
Use square head bolts on  $\frac{1}{2}$ " and smaller;  
hexagon head on all larger sizes.

#### Sizes and List Prices

Catalogue Number	Bolt Size of Slug	List Price Per 100 Slugs (Note)	Diameter of Hole (Drill Size)	Packing		Shipping Weight of 100 Slugs Only
				Standard Package Quantity	Shipping Carton Quantity	
6815	$\frac{1}{4}$ "	\$ 4.00	$\frac{1}{2}$ "	100	500	4 lbs.
6825	$\frac{3}{8}$ "	5.50	$\frac{3}{4}$ "	100	500	7 $\frac{1}{2}$ lbs.
6835	$\frac{1}{2}$ "	9.00	1"	50	250	15 $\frac{1}{2}$ lbs.
6845	$\frac{5}{8}$ "	12.00	1 $\frac{1}{8}$ "	50	250	22 lbs.
6855	$\frac{3}{4}$ "	17.50	1 $\frac{1}{4}$ "	25	125	26 lbs.
6860	$\frac{7}{8}$ "	22.00	1 $\frac{1}{2}$ "	25	125	34 lbs.
6865	1"	31.50	1 $\frac{3}{4}$ "	20	100	39 lbs.

NOTE: List price above is for 100 slugs. Each slug is one complete unit.





# SETTING TOOLS



TYPE 6900

FOR EXPANDING SLUGIN ANCHORS

Sizes and List Prices

20%

Catalogue Number	Bolt Size of Tool	List Price Each	Depth of Bore	Length Over All	Shipping Weight Per Doz.
6915	$\frac{1}{4}$ "	\$ .50	$3\frac{1}{2}$ "	6"	$3\frac{1}{2}$ lbs.
6925	$\frac{3}{8}$ "	.60	5 "	8"	9 lbs.
6935	$\frac{1}{2}$ "	.85	6 "	10"	18 lbs.
6945	$\frac{5}{8}$ "	1.50	7 "	12"	23 lbs.
6955	$\frac{3}{4}$ "	1.80	7 "	12"	37 lbs.
6960	$\frac{7}{8}$ "	2.10	9 "	15"	69 lbs.
6965	1 "	3.40	12 "	18"	$80\frac{1}{2}$ lbs.

SLUGIN setting tools are recommended for best results. Ordinary section of pipe may be used when tools are not available.

# STAR STUD-BOLT ANCHORS



TYPE 7800

## BOLT, CONE AND NUT ARE CADMIUM-PLATED

Star Stud Bolt Anchors consist of Cone-Headed Bolt—Lead Alloy Sleeve—Metal Cone and Square Nut completely assembled as above.

The bolt has two fins on its tapered section to lock into lead sleeve after the anchor has been set. This prevents the bolt from turning when the square nut is tightened.

**Instructions for Installation**—Drill hole proper diameter and depth—place stud bolt anchor into hole, head of the bolt first—remove the square nut—place setting tool or piece of pipe over bolt and hammer anchor solidly.



Additional Lead Sleeves and Cones furnished as above for installations in poor material or extra heavy loads. See page 9 for complete list of sizes and list prices.

# \*STAR STUD-BOLT ANCHORS

## TYPE 7800

### Sizes and List Prices Complete With Bolts

Catalog Number	Diameter and Length of Bolt (Note)	List Price per 100 Complete	Dimensions of Minimum Holes Required		Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
			Diam. Drill	Depth			
7815	$\frac{1}{4}$ x $1\frac{1}{2}$	\$ 5.60	$\frac{1}{2}$ "	1 "	100	500	8 lbs.
7816	$\frac{1}{4}$ x $1\frac{3}{4}$	5.80					8 $\frac{1}{2}$ lbs.
7817	$\frac{1}{4}$ x 2	5.90					9 lbs.
7818	$\frac{1}{4}$ x $2\frac{1}{2}$	6.20					9 lbs.
7819	$\frac{1}{4}$ x 3	6.50					10 lbs.
7819-A	$\frac{1}{4}$ x $3\frac{1}{2}$	6.80					10 lbs.
7819-B	$\frac{1}{4}$ x 4	7.10					11 lbs.
7825	$\frac{3}{8}$ x 2	10.50	$\frac{5}{8}$ "	$1\frac{1}{2}$ "	50	250	15 lbs.
7826	$\frac{3}{8}$ x $2\frac{1}{2}$	11.00					16 lbs.
7827	$\frac{3}{8}$ x 3	11.50					18 lbs.
7828	$\frac{3}{8}$ x $3\frac{1}{2}$	12.00					19 lbs.
7829	$\frac{3}{8}$ x 4	12.50					20 lbs.
7829-A	$\frac{3}{8}$ x 5	13.50					24 lbs.
7829-B	$\frac{3}{8}$ x 6	14.50					25 lbs.
7835	$\frac{1}{2}$ x 3	23.00	$\frac{7}{8}$ "	2"	25	125	42 lbs.
7837	$\frac{1}{2}$ x 4	24.50			25	125	47 lbs.
7838	$\frac{1}{2}$ x 5	26.00			25	125	51 lbs.
7839	$\frac{1}{2}$ x 6	27.50			25	125	56 lbs.

Note—Price for other sizes, not shown above, furnished on application.

# \*Sleeves and Cones-Without Bolts

## Sizes and List Prices

### LEAD SLEEVES ONLY

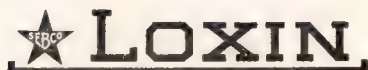
Catalog Number	Size	List Price Per 100	Diameter (Drill)	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
7815-S	$\frac{1}{4}$ "	\$ 1.50	$\frac{1}{2}$ "	100	500	4 lbs.
7825-S	$\frac{3}{8}$ "	3.00	$\frac{5}{8}$ "			5 lbs.
7835-S	$\frac{1}{2}$ "	8.00	$\frac{7}{8}$ "			14 lbs.

### CONES ONLY

7815-C	$\frac{1}{4}$ "	1.10	$\frac{1}{2}$ "	100	500	1 lb.
7825-C	$\frac{3}{8}$ "	1.50	$\frac{5}{8}$ "			1 $\frac{1}{2}$ lbs.
7835-C	$\frac{1}{2}$ "	4.00	$\frac{7}{8}$ "			3 lbs.

★These items not regularly carried in warehouse stock.





TYPE 3600

65-10

## HOT GALVANIZED EXPANSION SHIELDS

For Use With Machine Bolts

### Sizes and List Prices

Catalogue Number	Diam-eter of Bolt with Which Shield is Used	List Price Per 100 (With out Bolts)	Safe Work-ing Load Pounds	Length of Shield	Outside Diam-eter and Drill Required	Quantity in Stand-ard Pack-age	Quantity in Stand-ard Shipping Carton	Shipping Weight Per 100
LONG STANDARD SIZES								
3615	$\frac{1}{4}"$	15.00	200	$1\frac{1}{4}"$	$\frac{1}{2}"$	100	1000	$3\frac{1}{2}$ lbs.
*3616	$\frac{1}{4}"$	15.00	200	$2\frac{1}{2}"$	$\frac{1}{2}"$			$6\frac{1}{2}$ lbs.
3620	$\frac{5}{16}"$	18.00	300	2"	$\frac{5}{8}"$		500	$7\frac{1}{2}$ lbs.
3625	$\frac{3}{8}"$	25.00	450	2"	$\frac{5}{8}"$			$7\frac{1}{2}$ lbs.
3630	$\frac{7}{16}"$	32.00	1000	$2\frac{1}{2}"$	$\frac{7}{8}"$	50	250	$16\frac{1}{2}$ lbs.
3635	$\frac{1}{2}"$	38.00	1000	$2\frac{1}{2}"$	$\frac{7}{8}"$			$16\frac{1}{2}$ lbs.
3645	$\frac{5}{8}"$	45.00	1500	3"	1"	25	125	26 lbs.
3655	$\frac{3}{4}"$	65.00	2000	$3\frac{1}{2}"$	$1\frac{1}{8}"$			36 lbs.
SHORT STANDARD SIZES								
3623	$\frac{5}{16}"$	18.00	200	$1\frac{1}{2}"$	$\frac{5}{8}"$	100	500	$6\frac{1}{4}$ lbs.
3628	$\frac{3}{8}"$	25.00	300	$1\frac{1}{2}"$	$\frac{5}{8}"$			6 lbs.
3638	$\frac{1}{2}"$	38.00	700	2"	$\frac{7}{8}"$	50	250	14 lbs.
3648	$\frac{5}{8}"$	45.00	1000	$2\frac{1}{2}"$	1"			22 lbs.

"Listed by Underwriters Laboratories"

When no length is specified Long Standard Shield will be furnished.

★ Extra long, only shipped when ordered special, from factory stock.

# **LOXIN**



**TYPE 3700**

## **\*BRASS EXPANSION SHIELDS**

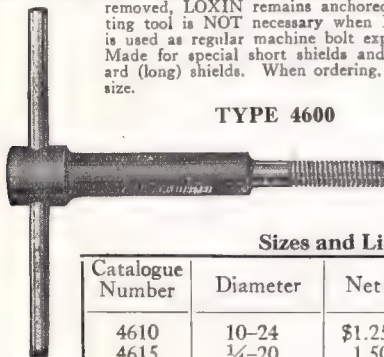
### **Sizes and List Prices**

Catalogue Number	Diam. of Bolt or Screw with Which Shield is Used	List Price Per 100 (Without Bolts or Screws)	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
3710	10-24	\$ 12.00	1 "	$\frac{3}{8}$ "	100	} 1000	1½ lbs.
3715	$\frac{1}{4}$ -20	15.00	1¼"	$\frac{1}{2}$ "	50		4 lbs.
3720	$\frac{5}{16}$	18.00	2 "	$\frac{5}{8}$ "	} 50	} 250	8½ lbs.
3725	$\frac{3}{8}$	25.00	2 "	$\frac{5}{8}$ "			9 lbs.
3735	$\frac{1}{2}$	38.00	2½"	$\frac{7}{8}$ "			17 lbs.

## **\*LOXIN SETTING TOOLS**

Makes Concrete Insert of any LOXIN Expansion Shield. LOXIN is placed on end of tool, inserted in hole and expanded by turning handle. When tool is removed, LOXIN remains anchored. Setting tool is NOT necessary when LOXIN is used as regular machine bolt expansion. Made for special short shields and standard (long) shields. When ordering, specify size.

**TYPE 4600**



### **Sizes and List Prices**

Catalogue Number	Diameter	Net Price	Shipping Weight
4610	10-24	\$1.25 each	2 oz. each
4615	$\frac{1}{4}$ -20	1.50 each	4 oz. each
4620	$\frac{5}{16}$ "	2.00 each	10 oz. each
4625	$\frac{3}{8}$ "	2.00 each	11 oz. each
4635	$\frac{1}{2}$ "	2.00 each	1 lb. each
4645	$\frac{5}{8}$ "	2.25 each	1¾ lbs. each
4655	$\frac{3}{4}$ "	2.50 each	2½ lbs. each

\*These items not regularly carried in warehouse stock.

# CHAIR EXPAN

FOR FASTENING SEATS



 **LOXIN**

TYPE 3600

Hot Galvanized

For Use With Machine Bolts

Grips at bottom of the hole and cannot slip. Seats can readily be taken up and replaced at any time.

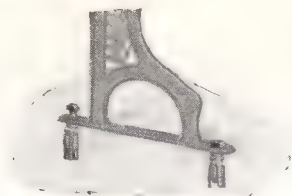
## Sizes and List Prices

Catalogue Number	Diam. of Bolt or Screw with Which Shield is Used	List Price Per 100 (Without Bolts or Screws)	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
3615	$\frac{1}{4}$ -20	\$ 15.00	1 $\frac{1}{4}$ "	$\frac{1}{2}$ "	100	1000	3 $\frac{1}{2}$ lbs.
3615 WB	$\frac{1}{4}$ -20	\$ 17.25	with 1 $\frac{1}{2}$ " or 1 $\frac{3}{4}$ " Square Head Bolts				



# SION SHIELDS

TO CONCRETE FLOORS



## STAR SINGLE CADMIUM-PLATED

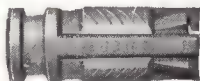
Malleable Iron—For Use With Machine Bolts

### TYPE 7100

Units are held firmly together, forming virtually one piece of metal. Will stand almost unlimited rough treatment without parting. Should concrete around expansion crush with constant use of chairs, fastening can be made secure again by tightening expansion with screw-driver or wrench.

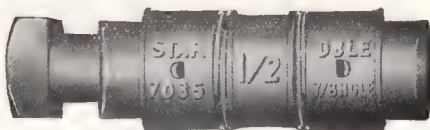
### Sizes and List Prices

Catalogue Number	Diam. of Bolt or Screw with Which Shield is Used	List Price Per 100 (Without Bolts or Screws)	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
7115	1/4"-20	\$15.00	1 5/16"	1/2"	100	500	3 1/2 lbs.
7115 WB 1/4"-20 \$17.00 with 1 1/2" or 1 3/4" Square Head Bolts.							



# STAR

## DOUBLE EXPANSION SHIELDS



TYPE 7000

### CADMIUM-PLATED

### Malleable Iron

### For Use With Machine Bolts

This is a new style of double expansion shield, which embodies the following innovations—new locking lugs on nut and collar permit easy expansion and are engaged at all times in the internal grooves of the sides. Over-lap spring holds shield together firmly, —Will not come apart with rough usage.

### Sizes and List Prices

Catalogue Number	Diam. of Bolt with Which Shield is Used	List Price Per 100 (Without Bolts)	Safe Working Load Pounds	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
7015	$\frac{1}{4}$ "	\$15.00	200	$1\frac{5}{8}$ "	$\frac{1}{2}$ "	100	500	$4\frac{1}{2}$ lbs.
7020	$\frac{5}{16}$ "	18.00	300	$1\frac{7}{8}$ "	$\frac{5}{8}$ "			$7\frac{1}{2}$ lbs.
7025	$\frac{3}{8}$ "	25.00	450	$2\frac{1}{8}$ "	$\frac{3}{4}$ "			$13\frac{1}{2}$ lbs.
7030	$\frac{7}{16}$ "	32.00	1000	$2\frac{3}{8}$ "	$\frac{7}{8}$ "	50	250	18 lbs.
7035	$\frac{1}{2}$ "	38.00	1000	$2\frac{3}{8}$ "	$\frac{7}{8}$ "			18 lbs.
7045	$\frac{5}{8}$ "	45.00	1500	$2\frac{7}{8}$ "	1 "	25	125	27 lbs.
7055	$\frac{3}{4}$ "	65.00	2000	4 "	$1\frac{1}{4}$ "	20	100	57 lbs.
7060	$\frac{7}{8}$ "	95.00	2000	$4\frac{1}{2}$ "	$1\frac{1}{2}$ "	10	50	103 lbs.
7065	1 "	110.00	2000	$4\frac{7}{8}$ "	$1\frac{3}{4}$ "	5	25	140 lbs.

# STAR

## SINGLE EXPANSION SHIELDS



TYPE 7100

CADMIUM-PLATED

Malleable Iron

For Use With Machine Bolts

## A NEW ADDITION TO OUR LINE

A three way expansion shield, which permits the shield to conform to irregular shaped holes, giving equal expansion in three directions—**Regardless of the shape of the hole.** Form fitting lugs on bottom of the shield prevents the tapered nut from falling out and eliminates the possibility of the nut rotating in the shield during the expansion. This new shield gives satisfactory holding power in a wide range of hole sizes.

### Sizes and List Prices

Catalogue Number	Diam. of Bolt with Which Shield is Used	List Price Per 100 (Without Bolts)	Safe Working Load Pounds	Length of Shield	Out-side Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
7115	1/4"	\$15.00	200	1 5/16"	1/2"	100	500	3 1/2 lbs.
7120	5/16"	18.00	300	1 5/8"	5/8"			6 1/2 lbs.
7125	3/8"	25.00	450	2 "	3/4"			12 lbs.
7135	1/2"	38.00	1000	2 5/16"	7/8"	50	250	15 lbs.
7145	5/8"	45.00	1500	2 3/4"	1 "	25	125	25 lbs.
7155	3/4"	65.00	2000	3 3/8"	1 1/4"	20	100	48 lbs.



# STAR

## BOTTOM BEARING EXPANSION SHIELDS

(Closed End)



TYPE 7200

CADMIUM-PLATED  
Malleable Iron

For Use With Machine Bolts

**New Design**—Elliptical shaped nut gives greater range of expansion than old style—also prevents nut from turning in shield. Threaded rod travels through nut, bears on bottom of shield, causing nut to move upward, thereby producing powerful expansion. Excellent for fastening threaded rods, pipe hangers, etc.

### Sizes and List Prices

Catalogue Number	Diam. of Bolt with Which Shield is Used	List Price Per 100 (Without Bolts)	Safe Working Load Pounds	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
7215	1/4"	\$15.00	200	1 3/8"	1 1/2"	100	500	4 lbs.
7220	5/16"	18.00	300	1 5/8"	5/8"			8 lbs.
7225	3/8"	25.00	450	2 1/8"	3/4"			13 lbs.
7230	7/16"	32.00	1000	2 "	7/8"			18 lbs.
7235	1/2"	38.00	1000	2 1/2"	7/8"	50	250	18 lbs.
7245	5/8"	45.00	1500	2 3/4"	1 "	25	125	29 lbs.
7255	3/4"	65.00	2000	4 "	1 1/4"	20	100	41 lbs.

# ★CONCRETE INSERTS



**Malleable Iron**

**For Use With Machine Bolts**

**TYPE 2400**

SEBCO Concrete Inserts are fastened to the forms before concrete is poured. When forms are removed, the inserts remain as permanent sockets to receive standard machine bolts whenever desired. A small wooden plug pierced by a screw or nail is used to spot SEBCO Inserts accurately on the forms. Then insert is nailed firmly in place.

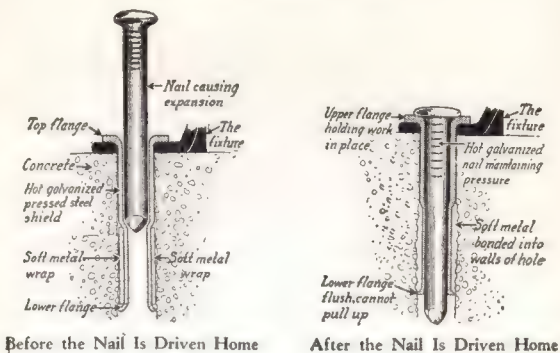
## **Sizes and List Prices**

Catalogue Number	Diameter of Bolt With Which Insert is Used	List Price Per 100 (Without Bolts)	Length of Insert	Quantity in Standard Package	Shipping Weight Per 100
2415	1/4"	\$18.00	1 1/2"	Bulk or to Order	9 lbs.
2425	3/8"	24.00	2"		16 1/2 lbs.
2435	1/2"	30.00	2 1/2"		23 lbs.
2445	5/8"	38.00	2 1/2"		28 1/2 lbs.
2455	3/4"	52.00	3"		59 lbs.

★This item not regularly carried in warehouse stock.

# Hammer Work in Place with

Secure — Quick — Easy



Before the Nail Is Driven Home

After the Nail Is Driven Home

The DRYVIN—An expansion shield which uses NAILS as an expansion and locking pin; employing an entirely new principle of installation.

How the DRYVIN works—Drill hole in the masonry and pass shield through mounting hole of object being attached so that top flange remains above fixture. The nail under the hammer blow, forces the lead into all the irregularities of the masonry hole, then passes through and locks anchor flange at bottom under the lead.

Load tension—shocks—jars and vibration are not applied directly to the nail (expansion member) as in other types, but to top flange of shield where they are absorbed.

The shield—not the nail—carries the load. It is this principle which gives DRYVIN its extraordinary holding power.

Hammer and drills are the only necessary tools.

## ★DRYVIN Extractor Tool

### TYPE 4900



Cat. No.	Size	Price <i>net</i>
4910.....	$\frac{3}{16}$ ".....3" handle.....	\$1.00 each
4915.....	$\frac{1}{4}$ ".....8" handle.....	2.00 each

Although fastenings made with DRYVINS withstand tremendous pull, it is easy to remove any size DRYVIN when desired. Simply remove nail and expansion collapses.

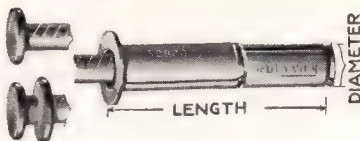
★This item not regularly carried in warehouse stock.

# **DRYVIN**

## TYPE 3900

**SINGLE HEAD  
NAIL**

**★DOUBLE HEAD  
NAIL**



## HAMMER-DRIVE ANCHORS

Hot Galvanized

Dryvins furnished regularly with Single-head Nails. Dryvins with Double-head Nails for shipment from factory only, when specified, can be furnished in practically all sizes at no extra charge.

Dryvins are always supplied complete with nails.

### Sizes and List Prices of DRYVINS

(All sizes listed show diameter and length of shield—not the nail.)

Catalogue Number	Size Diameter Length of Shield Not the Nail	List Price Per 100 (Complete with Nails)	Out-side Diameter and Drill Required	Working Load, Pounds	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
3910	$\frac{3}{16} \times \frac{7}{8}$ "	\$ 8.00	$\frac{3}{16}$ "	60	100	1000	1.2 lbs.
3911	$\frac{3}{16} \times 1\frac{1}{4}$ "	9.00		100			1.6 lbs.
3915	$\frac{1}{4} \times 1$ "	10.00	$\frac{1}{4}$ "	200	100	1000	2 lbs.
3916	$\frac{1}{4} \times 1\frac{1}{4}$ "	11.00		250			2 $\frac{3}{4}$ lbs.
3917	$\frac{1}{4} \times 1\frac{1}{2}$ "	12.00		300			3 lbs.
3920	$\frac{5}{16} \times 1\frac{1}{4}$ "	14.00	$\frac{5}{16}$ "	250	100	1000	4 lbs.
3921	$\frac{5}{16} \times 1\frac{3}{4}$ "	16.00		300		500	5 $\frac{1}{2}$ lbs.
3923	$\frac{5}{16} \times 2\frac{1}{4}$ "	18.00		300		500	7 lbs.
3924	$\frac{5}{16} \times 2\frac{3}{4}$ "	20.00		300		500	8 lbs.
3926	$\frac{3}{8} \times 1\frac{1}{2}$ "	18.00	$\frac{3}{8}$ "	400	100	500	7 $\frac{1}{2}$ lbs.
3927	$\frac{3}{8} \times 2$ "	20.00		450	100	500	9 $\frac{1}{2}$ lbs.
3929	$\frac{3}{8} \times 3\frac{1}{4}$ "	25.00		500	50	250	13 lbs.
3935	$\frac{1}{2} \times 1$ "	25.00	$\frac{1}{2}$ "	200	100	500	9 $\frac{1}{2}$ lbs.
3937	$\frac{1}{2} \times 2\frac{1}{4}$ "	30.00		500	50	250	16 $\frac{1}{2}$ lbs.
3938	$\frac{1}{2} \times 2\frac{3}{4}$ "	32.00		550	50	250	19 lbs.
3939	$\frac{1}{2} \times 3\frac{1}{2}$ "	35.00		600	50	250	23 lbs.

"Listed by Underwriters Laboratories"

DRYVINS are designated by the diameter and length of the shield. This is marked on each size. The diameter is the actual diameter of the shield. This also is the nominal diameter of both the mounting hole and proper size drill required. The length of the DRYVIN is measured from the top flange to the bottom flange of the shield. This is not the nail length.

**DRYVIN Extractor Tools shown on Page 18.**

★This item not regularly carried in warehouse stock.



# **HAMRTWIST** **MASONRY DRILL POINTS**



SEBCO Type, 4200—Large Shank

The HAMRTWIST Masonry Drill Point is a fast and easy cutting tool giving a round and uniform hole in concrete, brick or stone.

HAMRTWIST Drill Points are made for use in Rubber Grip and Plain holders or Electric Hammer Chucks shown on Page 23. Large shank recommended for use with Electric Hammers.

It practically cleans all the dust from the hole while drilling so that when the drill is removed the hole is ready for installing the expansion device.

The HAMRTWIST Drill does not lose its diameter as other types of masonry drills inasmuch as there is no taper at the point. It can be resharpened on any grinding wheel. This point has a much longer life than it is possible to get from a four-point drill.

Faster drilling is obtained, when using HAMRTWIST Drills, by using rapid taps in place of heavy blows.

HAMRTWIST Drills put up in handy Drill Kits. See Page 22 for complete information.

## **Sizes and List Prices of HAMRTWIST Drill Points** **(See Note)**

Catalogue Number	Diameter	List Price Per Dozen	Quantity in Standard Package	Shipping Weight Per Dozen
4210	$\frac{3}{16}$ "	\$ 5.40	12	$\frac{1}{2}$ lb.
4212	$\frac{7}{32}$ "	5.40		$\frac{1}{2}$ lb.
4215	$\frac{1}{4}$ "	5.40		$\frac{1}{2}$ lb.
4217	$\frac{9}{32}$ "	5.90	12	$\frac{3}{4}$ lb.
4220	$\frac{5}{16}$ "	6.40		1 lb.
4222	$\frac{11}{32}$ "	6.90		1 lb.
4225	$\frac{3}{8}$ "	7.40	12	$1\frac{1}{2}$ lbs.
4230	$\frac{7}{16}$ "	9.40		$1\frac{1}{2}$ lbs.
4235	$\frac{1}{2}$ "	11.40	12	$2\frac{1}{4}$ lbs.
4240	$\frac{9}{16}$ "	13.40	6	2 lbs.
4245	$\frac{5}{8}$ "	14.40	6	3 lbs.

NOTE: Type 4100, small shank, made in  $\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{9}{32}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{7}{16}$ ", and  $\frac{1}{2}$ " sizes. Large shank, Type 4200 recommended for best results.

# DRILL HOLDERS



Rubber Grip Holder  
**TYPE 5200—Large Shank**



Plain Holder  
**TYPE 1400—Large Shank**



Knockout Pin  
**TYPE 5900**  
(Furnished with each drill holder, no charge.)

**LIST PRICES.** (See Note.)

Catalogue Number	Type	Shipping Weight Per Dozen	List Price Per Dozen
1400	Plain . . . . .	9½ lbs.	\$24.00
5200	Rubber Grip . . . . .	12 lbs.	48.00

NOTE: Also made in small taper—Type 5400 plain holder and Type 5100 rubber grip holder. **Large shank listed above, recommended for best results.** See Page 23 for Electric Hammer Drill Chucks.

## ★Sizes and List Prices of Star Type Drill Points



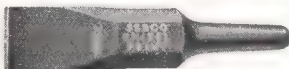
**TYPE 1300**

Made in large shank only.

Catalogue Number	Diameter	List Price Per Dozen	Quantity in Standard Package	Shipping Weight Per Dozen
1315	¼"	\$ 8.50	12	½ lb.
1320	⅝"	8.50		1 lb.
1325	⅜"	8.50		1 lb.
*1335	½"	10.00	12	1½ lbs.
1340	⅞"	12.00		2½ lbs.
1345	⅝"	12.00	12	2½ lbs.
1355	¾"	14.00		4½ lbs.
1360	7/8"	16.00		5 lbs.
1365	1"	18.00		6½ lbs.

\*½" and larger are furnished in three-point style.

## ★Sizes and List Prices of Star Chisel Points



**TYPE 7300**

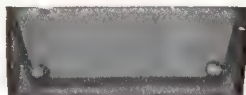
Made in large shank only.

Catalogue Number	Size	List Price Per Dozen	Standard Package	Shipping Weight Per Dozen
7335	½"	\$10.00	Loose	1½ lbs.
7355	¾"	12.00		2½ lbs.
7365	1"	14.00		3 lbs.

★These items not regularly carried in warehouse stock.

# **HAMRTWIST**

## **★DRILL KIT**



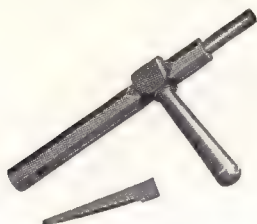
This is a compact handy kit for drilling  
 $\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{7}{16}$ " and  $\frac{1}{2}$ " holes.

Kit contains one of each size HAMRTWIST Drill Point listed above and Drill Point Holder with knockout pin. Extra spaces provided for carrying additional points of the sizes most frequently used.

COMPLETE, with plain Holder, list price, each . . . . .	\$7.00
COMPLETE, with Rubber Grip Holder, list price, each . . . . .	8.00
EMPTY, list price, each . . . . .	1.00
Shipping weight, each (filled) . . . . .	1½ lbs.

★This item not regularly carried in warehouse stock.

# \*Electric Hammer Drill Chuck



TYPE 5300

For adapting Large Shank drill points to electric hammers.

Handle permanently but loosely attached cannot get lost—does not sting the hand.

Knockout pin furnished with each chuck, no charge.

Catalogue No.	For Electric Hammers	Maker	Catalogue No.	For Electric Hammers	Maker
5326L 5327L	D4-U6 D3-U2	Electric Magnetic Co. Syntron Co.	5338L {	EH400 EH600	Van Dorn Co. Black & Decker
5329L 5330L 5331L	M F AB		5339L 5340L	EH200 No. 2	
5332L {	Ajax B Stanley 310		5341L {	No. 4 No. 6	
5334L {	Little Giant		5342L 5343L	K CX	Stanley Elec. Tool Co.
5336L {	IR No. 3A	Chic Pneu. Tool Co. Ingersol Rand Co.	5344L {	#1S-1R- 2S #2SS-2R 3S-3R 4S-4R B-C-E-N1	

L designates "Large Shank", see Pages 20 and 21 for Drill Points.

List price.....\$4.00 each

Shipping weight.....1½ lbs. each

★This item not regularly carried in warehouse stock.





# Four-Point Star Drills



TYPE 1200

High-grade crucible tool steel is used in making SEBCO Drills. Hand-forged and hand-tempered for hand drilling in concrete, brick or stone.

## Sizes and List Prices

Cutting Diameter of Drill	LIST PRICES PER DOZEN				Shipping Weight Per Doz. 12" Length
	8" Length	12" Length	18" Length	24" Length	
1/4"	\$ 8.25	\$ 8.50	\$ 11.00	\$ 13.50	1 lb.
5/16"	8.25	8.50	11.00	13.50	2 lbs.
3/8"	8.25	8.50	11.00	13.50	3 lbs.
7/16"		9.00	11.50	14.00	3 lbs.
1/2"	9.65	10.00	12.50	15.00	4 1/2 lbs.
9/16"		12.00	15.00	17.50	6 1/2 lbs.
5/8"		12.00	15.00	17.50	8 1/2 lbs.
3/4"		14.00	17.50	20.00	10 1/2 lbs.
7/8"		16.00	20.00	22.50	13 lbs.
1"		18.00	22.50	25.00	16 lbs.
1 1/8"		24.00	28.00	32.00	18 1/2 lbs.
1 1/4"		30.00	35.00	40.00	20 lbs.
1 3/8"		40.00	45.00	50.00	26 lbs.
1 1/2"		50.00	56.00	62.00	26 lbs.
1 5/8"		60.00	66.00	72.00	34 lbs.
1 3/4"		75.00	81.00	87.00	34 1/2 lbs.
1 7/8"		90.00	97.00	104.00	39 lbs.
2"		105.00	112.00	120.00	42 lbs.
2 1/4"		135.00	145.00	165.00	42 lbs.
2 1/2"		165.00	175.00	195.00	45 lbs.

Larger sizes furnished promptly.



## TYPE 100

75

**NOTE:** Smaller than  $\frac{3}{8}$ " are obsolete; can be supplied only from dead stock at factory. See new type SCRUIIN pages 26 and 27.

### Sizes and List Prices

Catalogue Number	Inside Diameter and Length of Anchor	List Price Per 100 (Without Screws)	Use with Screw Numbers	*Outside Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
These sizes are discontinued. (See Note)	$\frac{1}{8} \times \frac{1}{2}"$	4.40	5, 6, 7, 8	$\frac{1}{4}"$	100	1000	1 lb.
	$\frac{1}{8} \times \frac{5}{8}"$						1 lb.
	$\frac{1}{8} \times \frac{3}{4}"$						1 lb.
	$\frac{1}{8} \times 1"$						1½ lbs.
	$\frac{3}{16} \times \frac{1}{2}"$	5.00	9, 10, 11, 12	$\frac{5}{16}"$	100	1000	1½ lbs.
	$\frac{3}{16} \times \frac{3}{4}"$	5.00					2 lbs.
	$\frac{3}{16} \times 1"$	5.00					2¼ lbs.
	$\frac{3}{16} \times 1\frac{1}{8}"$	6.25					3½ lbs.
	$\frac{1}{4} \times \frac{1}{2}"$	5.60	14, 15, 16	$\frac{3}{8}"$	100	1000	2 lbs.
	$\frac{1}{4} \times \frac{3}{4}"$	5.60					2¾ lbs.
	$\frac{1}{4} \times 1"$	5.60					3 lbs.
	$\frac{1}{4} \times 1\frac{1}{2}"$	8.00			50	500	4½ lbs.
	$\frac{1}{4} \times 2"$	10.00					6½ lbs.
	$\frac{5}{16} \times \frac{3}{4}"$	6.25	17, 18, 20	$\frac{7}{16}"$	100	500	4 lbs.
	$\frac{5}{16} \times 1"$	6.25			50		4 lbs.
	$\frac{5}{16} \times 1\frac{1}{2}"$	10.00			50		7 lbs.
	$\frac{5}{16} \times 2"$	13.00			50		9½ lbs.
125	$\frac{3}{8} \times 1"$	13.00	22, 24, 26	$\frac{9}{16}"$	100	500	8 lbs.
127	$\frac{3}{8} \times 2"$	15.00			50	250	14 lbs.
135	$\frac{1}{2} \times 2"$	25.00	28, 30, 1½"	$\frac{3}{4}"$	50	250	21 lbs.
145	$\frac{5}{8} \times 2"$	30.00	$\frac{5}{8}"$	$\frac{7}{8}"$	25	125	30 lbs.
148	$\frac{5}{8} \times 3\frac{1}{2}"$	50.00	$\frac{5}{8}"$	$\frac{7}{8}"$	25	125	49 lbs.

\*If electric drill is used, cutting edge should be  $\frac{1}{32}"$  over size shown above.

### Instructions for Ordering

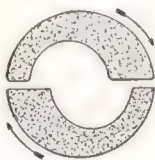
It is customary to order anchors alone, as they are used with ordinary screws. Length of screw needed is determined by adding length of anchor to thickness of material to which fastening is to be made.

★This item not regularly carried in warehouse stock.

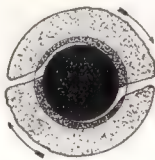
# **SCRUIN**

## **TYPE 400**

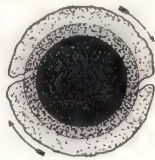
**Designed for high holding power and a larger  
range of screw sizes**



**Fig. 1**



**Fig. 2**



**Fig. 3**

Figure 1. Sectional view of anchor. The internal ribs are placed next to the slots to reduce the dragging of excess lead by the screw threads. This tends to make easy installation.

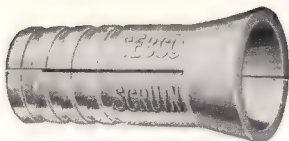
Figure 2. Shows a small screw installed. Note that the lead has been dragged partly across the slots and about one-half of the circumference of the screw has been embedded in solid lead firmly expanding the anchor in the hole.

Figure 3. Shows a large screw installed. Note that the lead has been dragged clear across the slots, (in a tight hole the lead will completely fill the slots) and the full circumference of the screw has been embedded in solid lead and expanded proportionately.

SCRUINS are designed with ribbed sides and bell shaped top to fill irregular bore at top of the masonry hole. This locks the anchor in preventing it from turning when tightening up the screw. Bell shaped throat also serves to center the screw when inserted.

# **SCRUIN.**

## TYPE 400



75 1/2

## LEAD ANCHORS

### For Use With Wood Screws

This is a new design anchor which gives greater holding power; requiring a smaller installation hole for the corresponding size screw. It takes more sizes of screws grouped in a more convenient series than other designs. It also has a larger range of holding power through various sizes of hole diameters. The holding power in average conditions of masonry is higher in the short length for No. 8 and 14 sizes, but in the case of a plaster wall or other soft-surfaced masonry we recommend the use of the long length. We recommend the use of HAMRTWIST Drill Points with these anchors. See page 20.

Order by Screw Size and Length of Anchor,  
or Catalogue Number.

### Sizes and List Prices

Catalogue Number	Screw Size and Length of Anchor	List Price Per 100 (Without Screws)	Fractional Screw Size	Outside Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
408	6- 8x $\frac{3}{4}$ "	\$ 5.00	$\frac{1}{8}$ "- $\frac{3}{16}$ "	$\frac{1}{4}$ "	100	1000	1 lb.
409	6- 8x $1\frac{1}{2}$ "	5.60	$\frac{3}{8}$ "- $\frac{3}{16}$ "	$\frac{1}{4}$ "			2 lbs.
412	10-12-14x1"	5.60	$\frac{3}{16}$ "- $\frac{1}{4}$ "	$\frac{5}{16}$ "	100	1000	2 lbs.
413	10-12-14x $1\frac{1}{2}$ "	8.00	$\frac{3}{16}$ "- $\frac{1}{4}$ "	$\frac{5}{16}$ "			3 lbs.
417	16-18x1"	6.25	$\frac{5}{16}$ "	$\frac{3}{8}$ "	50	500	3 lbs.
418	16-18x $1\frac{1}{2}$ "	9.00	$\frac{5}{16}$ "	$\frac{3}{8}$ "			4 lbs.
422	20-22-24x $1\frac{3}{4}$ "	10.00	$\frac{3}{8}$ "	$\frac{7}{16}$ "			6 lbs.



# \*Special Toggle Bolts

---

## (With Brass Screws)

Following sizes of SPRINGIN and SEBCO Style No. 5 round or flat-head, can be furnished with brass screws from stock:

$\frac{1}{8} \times 3''$   
4''

$\frac{3}{16} \times 3''$   
4''

$\frac{1}{4} \times 3''$   
4''

---

## (Nickel Plating)

Any SPRINGIN or SEBCO No. 5 Toggle (see pages 30, 31, 32 and 33) can be furnished with steel screws, nickel-plated, heads polished, or with the above sizes in brass screws, nickel-plated, heads polished.

---

## (Cadmium-Plated)

Any SPRINGIN or SEBCO Toggles (see pages 29, 30, 31, 32 and 33) can be furnished promptly; some sizes carried in stock for immediate shipment.

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## (Galvanized)

Any SPRINGIN or SEBCO Toggles (see pages 29, 30, 31, 32 and 33) can be furnished promptly; some sizes carried in stock for immediate shipment. State if cold or hot galvanizing is wanted.

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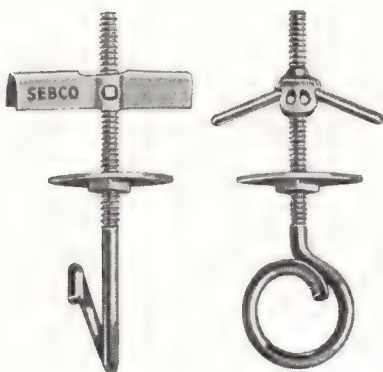
Prices on above special toggles and finishes on application.

★ These items not regularly carried in warehouse stock.



# ★ TOGGLE BRIDLE RINGS

TYPE 4700



Made in two styles, as above—No. 5 or SEBCO Toggle Head and SPRINGIN Toggle Head.

Furnished complete with  $\frac{5}{16}$  x  $1\frac{1}{4}$ " round washer and square nut.

A fastening with many varied uses for material of hollow construction as, magnesia block, wall-board, lath, plaster, hollow tile, etc.

## Sizes and List Prices

Catalogue Number	Diameter and Length of Screw	List Price Per 100	Diameter of Eye	Size Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
4710-No. 5	$\frac{3}{16}$ " x 4"	\$28.00	$\frac{5}{8}$ "	$\frac{1}{2}$ "	50	250	8 $\frac{1}{2}$ lbs.
4710-S	$\frac{3}{16}$ " x 4"	28.00	$\frac{5}{8}$ "	$\frac{1}{2}$ "	50	250	8 $\frac{1}{2}$ lbs.
4715-No. 5	$\frac{1}{4}$ " x 4"	40.00	$1\frac{1}{4}$ "	$\frac{5}{8}$ "	50	250	17 $\frac{1}{2}$ lbs.
4715-S	$\frac{1}{4}$ " x 4"	40.00	$1\frac{1}{4}$ "	$\frac{5}{8}$ "	50	250	17 $\frac{1}{2}$ lbs.

$\frac{3}{16}$ " size furnished in Cadmium-Plated Finish.

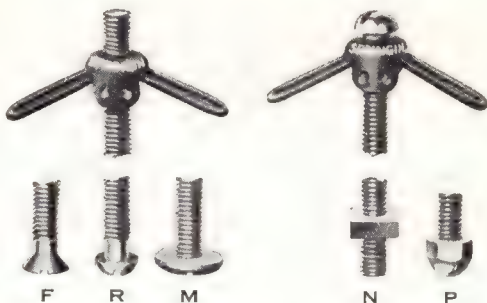
$\frac{1}{4}$ " size furnished in Hot Galvanized Finish.

★ This item not regularly carried in warehouse stock.

# **SPRINGIN**

## **SPRING-WING TOGGLE BOLTS**

### **TYPE 5500**



See page twenty-eight for toggles with brass screws, nickel-plated toggles, and rust-proof toggles.

#### **R TYPE**

With Round Head Screw.

#### **F TYPE**

With Flat Head Screw.

#### **M TYPE**

Mushroom Head, furnished in  $\frac{1}{8}$ " diameter only

#### **NUT TYPE**

Reverse R or F screw and add nut.

#### **★P TYPE**

#### **PLUMBER'S TOGGLE**

Reverse R or F screw and add capnut.

Capnuts extra.

**All toggle threads are National Standard Thread, not stove bolt threads.**

The Resilient Wings—the distinctive feature of SPRINGIN—are made of tempered spring steel with a cam action against the saddle which throws them to open position. The wings are the springs and are very powerful so that the toggle will carry a much greater load than is ever required of a fastening of this type.

★This item not regularly carried in warehouse stock.

# **SPRINGIN**

TYPE 5500

50%

Catalogue Number	Diam. and Length of Screw	List Price Per 100	Size Drill Required	Shipping Weight Per 100	Number Pieces in a Box	Quantity in Standard Shipping Carton
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## MADE M OR F HEAD SCREW ONLY

5506	$\frac{1}{8} \times 2''$	\$ 6.50	$\frac{3}{8}''$	$1\frac{1}{2}$ lbs.	100	500
5507	$\frac{1}{8} \times 3''$	6.75		$1\frac{3}{4}$ lbs.		
5508	$\frac{1}{8} \times 4''$	7.00		2 lbs.		

## Nos. 5510 TO 5528 MADE R, F, N OR P SCREW STYLES

5510	$\frac{3}{16} \times 3''$	\$ 6.85	$\frac{1}{2}''$	3 lbs.	50	250
5511	$\frac{3}{16} \times 4''$	7.15		4 lbs.		
5512	$\frac{3}{16} \times 5''$	7.50		5 lbs.		
5513	$\frac{3}{16} \times 6''$	7.80		$5\frac{1}{2}$ lbs.		
5515	$\frac{1}{4} \times 3''$	7.85	$\frac{5}{8}''$	6 lbs.		
5516	$\frac{1}{4} \times 4''$	8.15		7 lbs.		
5517	$\frac{1}{4} \times 5''$	8.55		8 lbs.		
5518	$\frac{1}{4} \times 6''$	8.95		$9\frac{1}{2}$ lbs.		
5520	$\frac{5}{16} \times 3''$	9.85	$\frac{7}{8}''$	10 lbs.	50	250
5521	$\frac{5}{16} \times 4''$	10.15		12 lbs.		
5523	$\frac{5}{16} \times 6''$	10.95		15 lbs.		
5525	$\frac{3}{8} \times 3''$	11.50	$\frac{7}{8}''$	13 lbs.		
5526	$\frac{3}{8} \times 4''$	13.50		$15\frac{1}{2}$ lbs.		
5528	$\frac{3}{8} \times 6''$	16.50		21 lbs.		

## MADE R OR N SCREW STYLES ONLY

5536	$\frac{1}{2} \times 4''$	\$20.00	$1\frac{1}{8}''$	27 lbs.	25	125
5538	$\frac{1}{2} \times 6''$	23.00		36 lbs.		

## TOGGLE HEADS ONLY

5506-H	$\frac{1}{8}''$	\$ 6.25	$\frac{3}{8}''$	$\frac{1}{2}$ lb.	Bulk or to Order
5510-H	$\frac{3}{16}''$	6.25	$\frac{1}{2}''$	1 lb.	
5515-H	$\frac{1}{4}''$	6.50	$\frac{5}{8}''$	2 lbs.	
5520-H	$\frac{5}{16}''$	8.20	$\frac{7}{8}''$	3 lbs.	
5525-H	$\frac{3}{8}''$	10.00	$\frac{7}{8}''$	$3\frac{1}{2}$ lbs.	
5535-H	$\frac{1}{2}''$	15.00	$1\frac{1}{8}''$	4 lbs.	

All toggle threads are National Standard Thread, not stove bolt threads.





## TOGGLE BOLTS

### TYPES 2800 AND 2900

TYPE 2900-R

TYPE 2900-F



No. 5 R



No. 5 M  
Mushroom Head,  
furnished in  
 $\frac{1}{8}$ " diameter only.



No. 5 F

See page 28 for toggle with brass screws, nickel-plated toggles, and rust-proof toggles.

TYPE 2800

★TYPE 2900-P



No. 1

A pinched head toggle in which head of bolt is fastened to toggle head and a nut is used to make fastening.



No. 3

Commonly known as "plumber's toggle." It has a No. 5 SEBCO Toggle Head with threaded rod and a capnut.

Capnuts extra.

An ideal fastening for lath, plaster, hollow tile, pressed boards, hollow metal, or sheet metal. Channel construction permits toggle head to fold closely over bolt and pass through small hole. Toggle head set off center to fall quickly into position. SEBCO toggles bear on extreme ends, avoiding breaking edges of brittle material.

All SEBCO toggle threads are National Standard Thread, not stove bolt threads.

★This item not regularly carried in warehouse stock.

# **TYPES 2800-2900** **Sizes and List Prices**

Catalogue Number	Diam. and Length of Screw	List Price Per 100	Size Drill Required	Shipping Weight Per 100	Number Pieces in a Box	Quantity in Standard Shipping Carton
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## **TYPE 2800 MADE IN No. 1 STYLE ONLY**

2808	$\frac{5}{32} \times 3''$	\$ 9.00	$\frac{1}{2}''$	4 lbs.	100	500
2809	$\frac{5}{32} \times 4''$	10.00		4 lbs.		
2810	$\frac{3}{16} \times 3''$	9.50		$4\frac{1}{2}$ lbs.		
2811	$\frac{3}{16} \times 4''$	10.50		5 lbs.		
2812	$\frac{3}{16} \times 5''$	12.00		6 lbs.		
2813	$\frac{3}{16} \times 6''$	12.50	$\frac{5}{8}''$	$6\frac{1}{2}$ lbs.	100	500
2815	$\frac{1}{4} \times 3''$	10.50		7 lbs.		
2816	$\frac{1}{4} \times 4''$	11.75		8 lbs.		
2817	$\frac{1}{4} \times 5''$	13.00		9 lbs.		
2818	$\frac{1}{4} \times 6''$	14.00		$10\frac{1}{2}$ lbs.		
2820	$\frac{5}{16} \times 3''$	17.50	$\frac{7}{8}''$	14 lbs.	50	250
2821	$\frac{5}{16} \times 4''$	18.00		15 lbs.		
2823	$\frac{5}{16} \times 6''$	20.00		19 lbs.		
2825	$\frac{3}{8} \times 3''$	20.00		17 lbs.		
2826	$\frac{3}{8} \times 4''$	24.00		19 lbs.		
2828	$\frac{3}{8} \times 6''$	31.00	$1''$	24 lbs.	25	125
2835	$\frac{1}{2} \times 3''$	30.00		26 lbs.		
2836	$\frac{1}{2} \times 4''$	32.00		31 lbs.		
2838	$\frac{1}{2} \times 6''$	36.00		41 lbs.		

## **MADE M OR F HEAD SCREW ONLY**

2906	$\frac{1}{8} \times 2''$	\$ 9.00	$\frac{3}{8}''$	$1\frac{1}{2}$ lbs.	100	1000
2907	$\frac{1}{8} \times 3''$	9.00		2 lbs.		500
2908	$\frac{1}{8} \times 4''$	10.00		2 lbs.		500

## **Nos. 2910 TO 2928 MADE R OR F HEAD SCREW, EXCEPT \* (No. 3)**

2910	$\frac{3}{16} \times 3''$	\$ 9.50	$\frac{1}{2}''$	$4\frac{1}{2}$ lbs.	100	500
2911	$\frac{3}{16} \times 4''$	10.50		5 lbs.		
2912	$\frac{3}{16} \times 5''$	12.00		6 lbs.		
2913	$\frac{3}{16} \times 6''$	12.50		$6\frac{1}{2}$ lbs.		
2915	$\frac{1}{4} \times 3''$	10.50		7 lbs.		
2916	$\frac{1}{4} \times 4''$	11.75	$\frac{5}{8}''$	8 lbs.	50	250
2917	$\frac{1}{4} \times 5''$	13.00		9 lbs.		
2918	$\frac{1}{4} \times 6''$	14.00		$10\frac{1}{2}$ lbs.		
2920	$\frac{5}{16} \times 3''$	17.50		14 lbs.		
2921	$\frac{5}{16} \times 4''$	18.00		$14\frac{1}{2}$ lbs.		
2923	$\frac{5}{16} \times 6''$	20.00	$1''$	19 lbs.	50	250
2925	$\frac{3}{8} \times 3''$	20.00		$16\frac{1}{2}$ lbs.		
2926	$\frac{3}{8} \times 4''$	24.00		19 lbs.		
2928	$\frac{3}{8} \times 6''$	31.00		24 lbs.		

## **No. 5 TOGGLE HEADS ONLY**

2906-H	$\frac{1}{8}''$	\$ 6.50	$\frac{5}{16}''$	1 lb.	Bulk or to Order
2910-H	$\frac{3}{16}''$	7.50	$\frac{1}{2}''$	$2\frac{1}{2}$ lbs.	
2915-H	$\frac{1}{4}''$	10.00	$\frac{5}{8}''$	$3\frac{1}{2}$ lbs.	
2920-H	$\frac{5}{16}''$	15.00	$1''$	$6\frac{1}{2}$ lbs.	
2925-H	$\frac{3}{8}''$	17.00	$1''$	$6\frac{1}{2}$ lbs.	

**\*No. 3 TOGGLES (Made three sizes only) Capnut Extra**



TYPE 1900

## LAG SCREW EXPANSION SHIELDS

### CADMIUM-PLATED

### MALLEABLE IRON

Made of malleable iron of high tensile strength. Circular projecting ribs grip into sides of hole, checking any tendency to slip.

#### Sizes and List Prices

Catalogue Number	Diam. of Lag Screw with Which Shield is Used	List Price Per 100 (Without Lag Screws)	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight Per 100
LONG STANDARD SIZES							
1910	$\frac{3}{16}$ "	\$15.00	1 "	$\frac{3}{8}$ "	100	500	2 $\frac{1}{2}$ lbs.
1915	$\frac{1}{4}$ "	15.00	1 $\frac{1}{2}$ "	$\frac{1}{2}$ "			5 $\frac{1}{2}$ lbs.
1920	$\frac{5}{16}$ "	18.00	2 "	$\frac{1}{2}$ "			7 lbs.
1925	$\frac{3}{8}$ "	25.00	2 $\frac{3}{4}$ "	$\frac{5}{8}$ "			12 lbs.
1935	$\frac{1}{2}$ "	38.00	3 $\frac{1}{2}$ "	$\frac{3}{4}$ "	50	250	19 lbs.
1945	$\frac{5}{8}$ "	45.00	3 $\frac{1}{2}$ "	$\frac{7}{8}$ "	25	125	29 $\frac{1}{2}$ lbs.
1955	$\frac{3}{4}$ "	65.00	3 $\frac{1}{2}$ "	1 "			31 $\frac{1}{2}$ lbs.
SHORT STANDARD SIZES							
1918	$\frac{1}{4}$ "	\$15.00	1 "	$\frac{1}{2}$ "	100	500	3 $\frac{1}{2}$ lbs.
1923	$\frac{5}{16}$ "	18.00	1 $\frac{1}{2}$ "	$\frac{1}{2}$ "			5 lbs.
1928	$\frac{3}{8}$ "	25.00	2 "	$\frac{5}{8}$ "			9 lbs.
1938	$\frac{1}{2}$ "	38.00	2 "	$\frac{3}{4}$ "	50	250	11 lbs.
1948	$\frac{5}{8}$ "	45.00	2 "	$\frac{7}{8}$ "	25	125	15 lbs.
1958	$\frac{3}{4}$ "	65.00	2 "	1 "			21 lbs.

When no length is specified Long Standard Shield will be furnished.

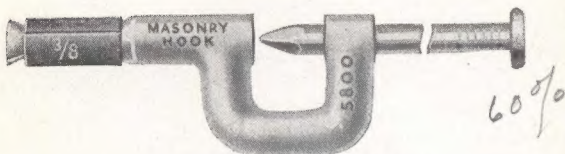
# **DRYVIN**

## **\*HAMMER=DRIVE HOOKS**

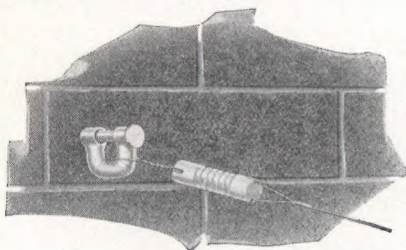
**FOR USE IN MASONRY**

**Hot Galvanized**

**TYPE 5800**



**HAMMER DRIVE HOOK—FURNISHED WITH NAILS**



**ILLUSTRATING HAMMER DRIVE HOOK  
INSTALLED IN BRICK.**

An excellent fastening for guide wire on sign installations, outdoor radio equipment, etc.

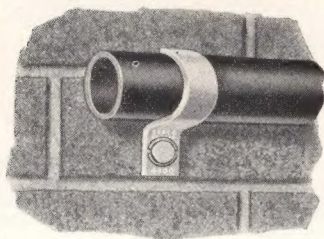
### **Specifications**

Catalogue Number	Size	List Price Per 100	Outside Diameter and Drill Required
5825	3/8"	\$20.00	3/8"

Depth of Hole Required	Inside Diameter of Hook	Quantity in Standard Package	Quantity in Standard Carton	Weight Per 100
1 3/4"	1 1/2"	50	250	12 1/2 lbs.

★This item not regularly carried in warehouse stock.

# \*SEBCO ONE-HOLE ROLLED STEEL CLAMPS



TYPE 4300

Hot Galvanized

FOR ATTACHING CABLE, PIPE OR CONDUIT

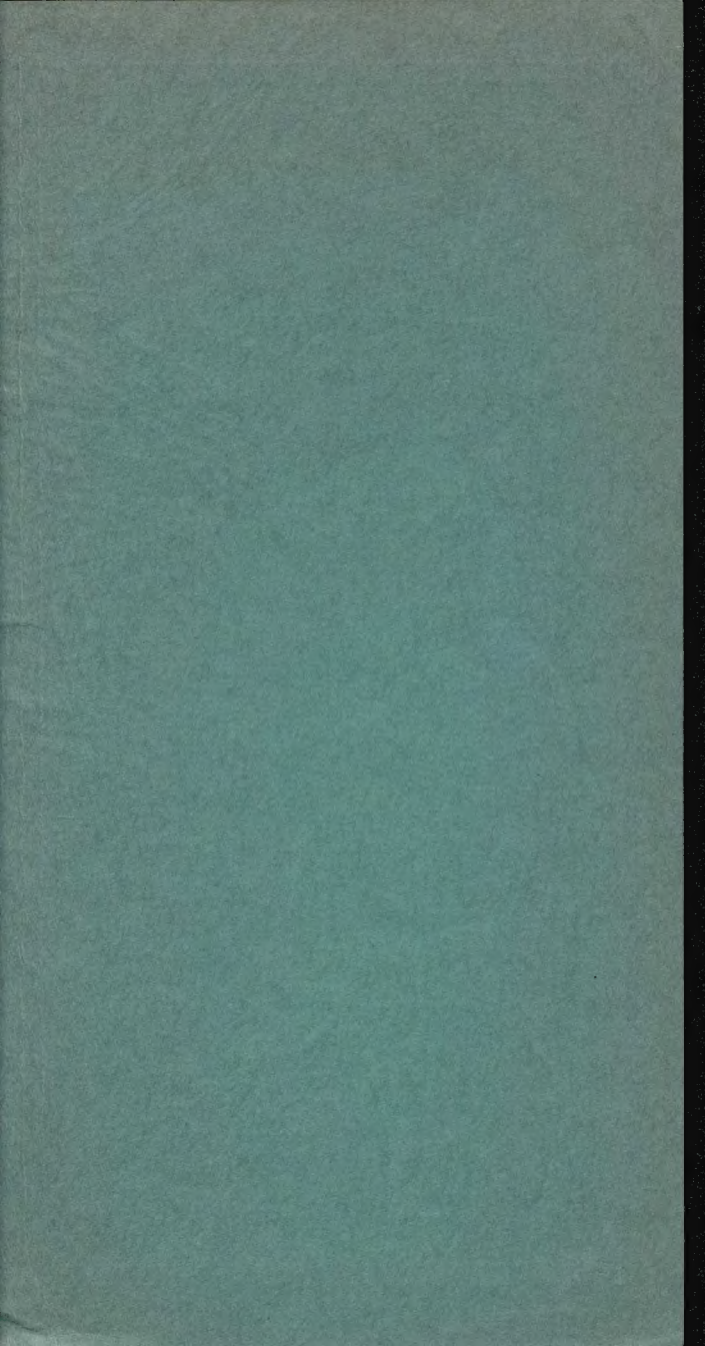
SEBCO one-hole steel clamps are made of cold rolled mild steel.

## Sizes and List Prices

Catalogue Number	Size of Clamp	List Price Per 100	For Cable, Conduit or Pipe Outside Diameter	For Conduit Pipe Nominal Size	Diam. of Dryvin Anchor to Use for Installation	Quantity in Stand-ard Package	Quantity in Stand-ard Shipping Carton	Shipping Weight Per 100
4306	$\frac{1}{8}$ "	\$ 1.20	$\frac{1}{8}$ " to $\frac{1}{4}$ "	—	$\frac{3}{16}$ "	100	1000	$\frac{3}{4}$ lb.
4315	$\frac{1}{4}$ "	1.35	$\frac{1}{4}$ " to $\frac{3}{8}$ "	—			1000	1 lb.
4325	$\frac{3}{8}$ "	1.50	$\frac{3}{8}$ " to $\frac{1}{2}$ "	$\frac{1}{8}$ "			1000	$1\frac{1}{4}$ lbs.
4335	$\frac{1}{2}$ "	2.80	$\frac{1}{2}$ " to $\frac{5}{8}$ "	$\frac{1}{4}$ " & $\frac{3}{8}$ "	$\frac{1}{4}$ "	50	500	$3\frac{1}{2}$ lbs.
4355	$\frac{3}{4}$ "	3.85	$\frac{3}{4}$ " to 1"	$\frac{1}{2}$ "			500	$4\frac{3}{4}$ lbs.
4365	1"	4.70	1" to $1\frac{1}{4}$ "	$\frac{3}{4}$ "			500	$5\frac{3}{4}$ lbs.
4375	$1\frac{1}{4}$ "	11.00	$1\frac{1}{4}$ " to $1\frac{1}{2}$ "	1"	$1\frac{1}{4}$ " & $1\frac{1}{2}$ "	25	250	11 lbs.
4385	$1\frac{1}{2}$ "	13.00	$1\frac{1}{2}$ " to 2"	$1\frac{1}{4}$ " & $1\frac{1}{2}$ "			250	13 lbs.
4395	2"	17.00	2" to $2\frac{5}{8}$ "	2"			125	22 lbs.

★ This item not regularly carried in warehouse stock.





Nothing in the world loosens a Star



TRADE MARK